UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG____ ELECTRIC LOGS____ FILE XXX WATER SANDS____ LOCATION INSPECTED____ SUB. REPORT/abd.

9-13-77 - Location abandoned; Well never drilled. by Bfm

DATE FILED 6-9-75

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-11668 INDIAN

DRILLING APPROVED: 6-13-75

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: 12-30-76. Location abandoned

FIELD: 3/86 Patterson Field

UNIT:

COUNTY: San Juan

WELL NO. Patterson Canyon #3 API NO: 43-037-30246

LOCATION 173' FT. FROM XX (S) LINE. 782' FT. FROM XX (W) LINE. SE SW SW ¼ – ¼ SEC. 4

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
38 S	25 E	4	MOUNTAIN FUEL SUPPLY CO.				

FILE NOTATIONS

Entered in N I D File ✓
Entered On S R Sheet
Location Map Pinned
Card Indexed ✓
I W R for State or Fee Land

Checked by Chief
Copy N I D to Field Office
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed
OW WW TA
GW X OS PA

Location Inspected
Bond released
State of Fee Land

LOGS FILED

Driller's Log
Electric Logs (No.)
E I E-I GR GR N Micro
Lat Mi-L Sonic Others

1-23-93 JA

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

13

UNITED STATES.
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U - 11668

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: -

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME: -

8. FARM OR LEASE NAME: Patterson Canyon

2. NAME OF OPERATOR: Mountain Fuel Supply Company

9. WELL NO.: 3

3. ADDRESS OF OPERATOR: P. O. Box 1129, Rock Springs, Wyoming 82901

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 173' FSL, 782' FWL SE SW SW
At proposed prod. zone:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SW SW 4-38S-25E., SLB&M

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 25 miles southeast of Monticello, Utah

12. COUNTY OR PARISH: San Juan | 13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 538' / -

16. NO. OF ACRES IN LEASE: 1926.16

17. NO. OF ACRES ASSIGNED TO THIS WELL: -

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: - / -

19. PROPOSED DEPTH: 5570'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 5193' ungraded

22. APPROX. DATE WORK WILL START*: June 20, 1975

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	10-3/4"	32.75 new	500'	350 sacks
7-7/8	4-1/2	11.6 new	to be determined	

We would like to drill the subject well to an estimated depth of 5570', anticipated formation tops are as follows: Morrison at the surface, Summerville at 520', Entrada at 595', Carmel at 755', Navajo at 785', Kayenta at 1145', Wingate at 1275', Chinle at 1505', Shinarump at 2330', Moenkopi at 2470', Cutler at 2500', Honaker Trail at 4355', Paradox at 4875', Upper Ismay at 5250' and Lower Ismay at 5545'.

Blow out preventers will be checked daily and mud will be adequate to contain formation fluids.

This is an unorthodox location due to the proximity of indian ruins; therefore, we would like an exception to the spacing regulations.

Rule C-3(c)(2)

Copies of "Designation of Operator" are attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED R. J. Mecham TITLE General Manager, Gas Supply Operations DATE June 5, 1975

(This space for Federal or State office use)

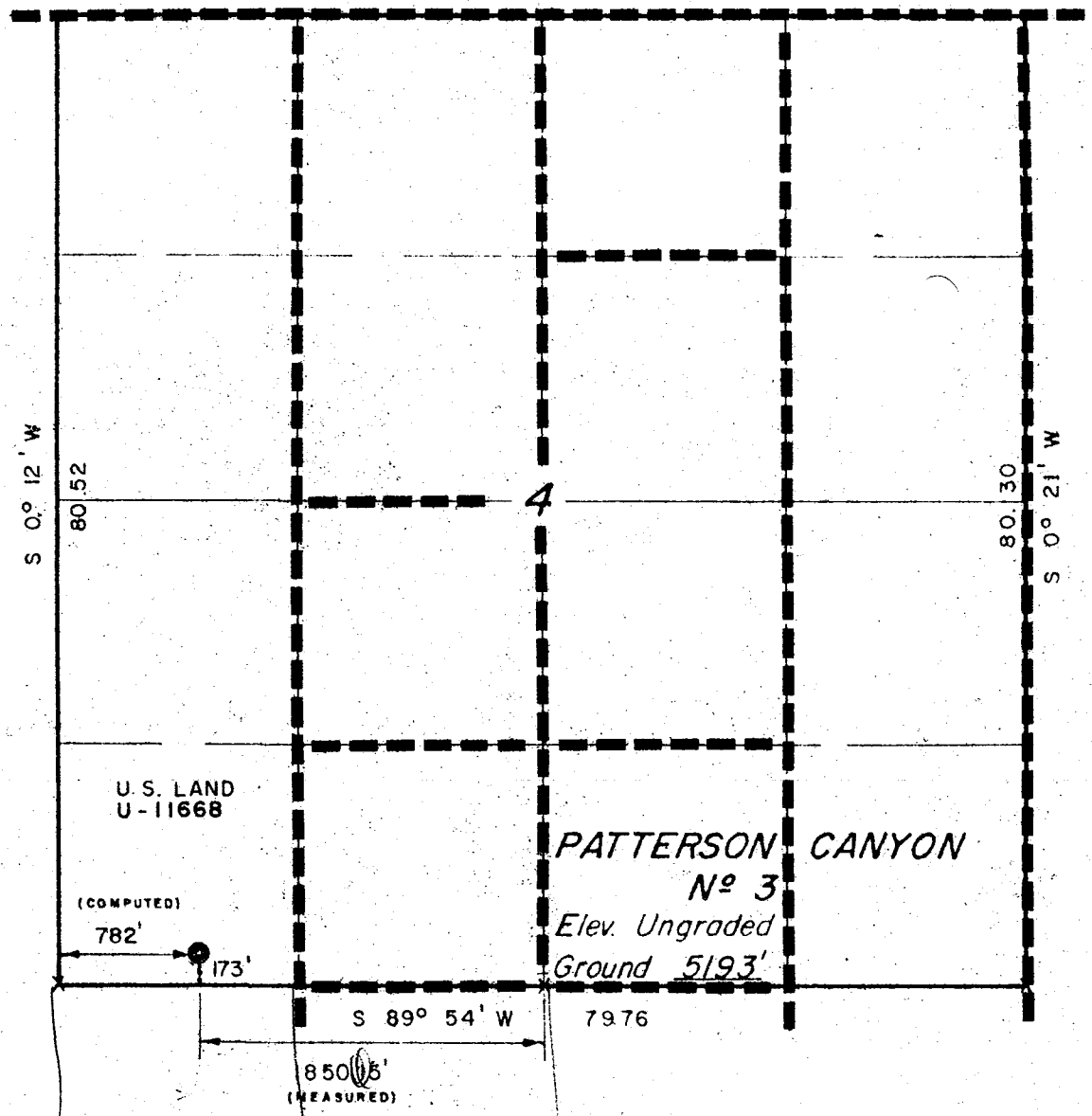
PERMIT NO. 43-037-30246 APPROVAL DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T38S, R25E, S.L.B.&M.



X= Section corners located.

WORK ORDER 22170

PROJECT

MOUNTAIN FUEL SUPPLY

Well location, Patterson Canyon Nº 3 located as shown in the SW 1/4 SW1/4 Section 4, T38S, R25E, S.L.B.& M. San Juan County, Utah.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION Nº 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q ~ 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1"= 1000'	DATE 5 / 27/ 75
PARTY NM BD GS WP	REFERENCES GLO PLAT
	FILE M-11895

Well Name Patterson Canyon Well No. 3 Location SW SW 4-38S-25E., SLB&M

San Juan County, Utah

Wellhead Equipment	Size	Pressure Rating	Pressure Test
Surface Casing Flange	10"	3000	6000
Casing Spool			
Tubing Spool	10" x 6"	3000	6000
Tubing Bonnet	2"	3000	6000

Blow Out Preventers (Top to Bottom)	Size	PSI Rating	PSI Test	Bag	Rams
	10	3000	6000	X	
	10	3000	6000		4-1/2
	10	3000	6000		blind

Gas Buster ____ Yes / X No — Degasser ____ Yes / X No

Kill or Control Manifold

2" Size — 3000 Pressure Rating — 6000 Pressure Rating Test — no Hydraulic Valves

Auxiliary Equipment — Kelly Cock: X Yes / ____ No

Monitoring Equipment on Mud System: X Yes / ____ No

Full Opening Drill Pipe Stabbing Valve on Floor: X Yes / ____ No

Type of Drilling Fluid: X Water Base Mud / ____ Air / ____ Gas / ____ Oil Base Mud

Anticipated Bottom Hole Pressure 2400 PSI

MOUNTAIN FUEL SUPPLY CO.

12 Point Surface Use Plan

for

Well Location

Patterson Canyon No. 3

San Juan County, Utah

1. EXISTING ROADS

To reach Mountain Fuel Supply well, Patterson Canyon No. 3, proceed Southwest from Dove Creek, Colorado on county road to the Utah - Colorado border at Bug Point approximately 14 miles; continue on said graded road 8.0 miles to intersection of roads; proceed to the Southwest onto graded road for 8.5 miles to said location. (See attached topography map).

2. PLANNED ACCESS ROADS

As shown on attached topographic map, the planned access road will leave the location on the East side and proceed Northeasterly for 8.3 miles to existing county road. The access road will be a 20' wide road (20' total) with a side drain ditch on each side. Culverts will be placed as needed to maintain normal flow of water in existing drainages. There will be no cuts in the construction of said road but fill where necessary to maintain general grade and smoothness of said road. A cattle guard is to be installed where fence intersects said road coming off the rim at Bug Point. (See attached topography map).

3. LOCATION OF EXISTING WELLS

As shown on attached topographic map, there is a well approximately 1/2 mile Southeast of the location. We know of no other wells within a radius of 1 mile.

4. LATERAL ROADS TO WELL LOCATIONS

See attached topographic map.

5. LOCATION OF TANK BATTERIES AND FLOWLINES

A 500 gallon tank will be set up on the location to handle condensate. In the event production is established additional tanks are to be installed. There are no plans for any flowlines.

6. LOCATION AND TYPE OF WATER SUPPLY

Water used to drill this well will be hauled from the artesian wells at Perkins Ranch approximately 3 miles to the West. The road will meet the same requirements as the above mentioned access road.

7. METHODS FOR HANDLING WASTE DISPOSAL

All waste will be buried in a pit and covered with a minimum 2' of cover. There will be a chemical toilet supplied for human waste.

8. LOCATION OF CAMPS

There will be no camps.

9. LOCATION OF AIRSTRIPS

There will be no airstrips.

10. LOCATION LAYOUT

See attached location layout sheet. B.L.M. District Manager will be notified before construction begins.

11. PLANS FOR RESTORATION OF SURFACE

This well is located in an area with some topsoil. All topsoil will be stripped and stockpiled prior to construction and drilling; see attached location layout sheet. When all drilling and production activities have been completed, the drill site area and access road will be reshaped, the stockpiled topsoil spread over the disturbed area and reseeded with Indian Rice Grass, Sand Drop Seed and Four Wing Salt Bush, mixture recommended by the B.L.M. District Manager.

12. TOPOGRAPHY

The area surrounding the well location is generally rough terrain broken by numerous gullies and washes. There is a deep wash to the West of the location about 0.25 miles which handles spring run off etc. There are Indian ruins on the hill just to the North of the location and care is to be taken not to disturb these ruins or any in the area. Cheat grass is prevalent in the area and burning is to be held to a minimum. As per B.L.M. instructions, anyone burning will be held responsible to any damage incurred. The vegetation of the area also consists of sagebrush, juniper, sego lillies, and several small flowering plants. Any drainages blocked by the construction of the drilling pad are to be rerouted around the outer perimeter of the location.

From: Pat Brotherton

Rock Springs, Wyoming

To: T. M. Colson

June 10, 1975

Revised Tentative Plan to Drill
Patterson Canyon Well No. 3
San Juan County, Utah

This well will be drilled to total depth by _____ Drilling Company. One work order has been originated for the drilling and completion of the well, namely 22170-2, Drill Patterson Canyon Well No. 3. This well is located in the SW SW Sec. 4, T. 38 S., R. 25 E., San Juan County, Utah. The well will be drilled to a total depth of 5570 feet to test the Paradox formation. If lost circulation problems are encountered, a string of 8-5/8-inch O.D., 32-pound, K-55 Hydril flush joint (FJ-P) casing will be run through the Shinarump formation to approximately 2500 feet KBM. Surface elevation is at 5193 feet.

1. Drill a 13-3/4-inch hole to approximately 375 feet KBM.

2. Run and cement approximately 350 feet 10-3/4-inch O.D., 32.75-pound, H-40, 8 round thread, ST&C casing. The casing will be cemented with 245 sacks of regular Type G cement which represents theoretical requirements plus 100 percent excess cement for 10-3/4-inch O.D. casing in 13-3/4-inch hole with cement returned to the surface. Cement will be treated with 1150 pounds [illegible]bwell D43A. Plan on leaving a 20 foot cement plug in the bottom of the casing after displacement is completed. Floating equipment will consist of a Baker guide shoe. The top and bottom of ten casing collars and the guide shoe will be spot welded in the field. The bottom of the surface casing should be landed in such a manner that the top of the 10-inch 3000 psi casing flange will be at ground level. A cellar three feet deep will be required. Prior to cementing, circulate 60 barrels of mud. Capacity of the 10-3/4-inch O.D. casing is 35 barrels.

3. After a WOC time of 6 hours, remove landing joint. Install a NSCo. Type B 10-inch 3000 psi regular duty casing flange tapped for 10-3/4-inch O.D., 8 round thread casing. Install a 2-inch extra heavy nipple, 6-inches long, and a WKM Figure B138 (2000 psi WOG, 4000 psi test) valve on one side of the

casing flange and a 2-inch extra heavy bull plug in the opposite side. Install adequate preventers. After a WOC time of 12 hours, pressure test surface casing and all preventer rams to 1000 psi for 15 minutes using rig pump and mud. The burst pressure rating for the 10-3/4-inch O.D. casing is 1820 psi.

4. Drill a 7-7/8-inch hole to a tentative total depth of 5570 feet or to such other depth as the Geological Department may recommend. A mud desander and desilter will be used from under the surface casing to total depth to remove all undesirable solids from the mud system and to keep the mud weight to a minimum. A fully manned logging unit will be used from 4200 feet to total depth. 10 foot samples will be caught by contractor from surface casing to 4200 feet and the logging unit will be responsible for catching 10 foot samples from 4200 feet to total depth. The mud system will consist of properties adequate to allow the running of drill stem tests. Three drill stem tests are anticipated starting at a depth of approximately 4300 feet. Anticipated tops are as follows:

	Approximate Depth (Feet KBM)
Morrison	Surface
Summerville	520
Entrada	595
Carmel	755
Navajo	785
Kayenta	1,145
Wingate	1,275
Chinle	1,505
Shinarump	2,330
Moenkopi	2,470
Cutler	2,500
Honaker Trail	4,355
Paradox	4,875
Upper Ismay	5,250
Lower Ismay	5,545
Total Depth	5,570

5. After reaching a total depth of approximately 5570 feet, run a dual induction laterolog (with 2-inch linear, 5-inch logarithmic) integrated sonic gamma ray-caliper log from bottom of surface casing to total depth, and a sidewall neutron log from 4300 feet to total depth. Note: Check salt content of the mud prior to logging to determine if the logging program should be changed.
6. Assuming commercial quantities of gas and/or oil are present, go into hole with 7-7/8-inch bit and condition hole prior to running 5-1/2-inch O.D. casing. Pull and lay down drill pipe and drill collars.
7. Run 5-1/2-inch O.D. casing as follows:

   (Top of String in Well)

   A. 5530 feet 5-1/2-inch O.D., 17-pound, K-55, 8 round thread, ST&C casing.

   B. One Baker G float collar.

   C. One joint 5-1/2-inch O.D., 17-pound, K-55, 8 round thread, ST&C casing.

   D. One Baker G float shoe.

   Run the casing to bottom and pick up one foot. The casing will be cemented with 50-50 Pozmix cement. Cement requirements will be the actual volume as calculated from the caliper log plus 20% excess. Circulate 175 barrels mud prior to beginning cementing operations. The capacity of the 5-1/2-inch O.D. casing is 129 barrels. Rotate casing while circulating, mixing, and displacing cement. Displace cement with water.
8. Immediately after cementing operations are completed, land the 5-1/2-inch O.D. casing with full weight on slips and record indicator weight. Cut off the 5-1/2-inch O.D. casing and install a 10-inch 3000 psi by 6-inch 3000 psi NSCo. Type B tubing spool. Pressure test seals to 2000 psi for 5 minutes. The collapse pressure for the 5-1/2-inch O.D., 17-pound, K-55 casing is

4910 psi. Install a steel plate over the tubing spool and release drilling rig.

9. Rig up a contract workover rig. Install a 6-inch 5000 psi double gate preventer with blind rams in bottom and 2-7/8-inch rams in top.

10. Pick up a 4-5/8-inch bit and run on 2-7/8-inch O.D., 6.4-pound, J-55 seal lock tubing to plugged back depth. Using Halliburton pump truck and water, pressure test pipe rams and casing to 3000 psi for 15 minutes. The minimum internal yield for 5-1/2-inch O.D., 17-pound, J-55 casing is 5320 psi. Land the tubing on a H-1 tubing hanger and pressure test blind rams to 3000 psi for 15 minutes. Pull tubing, standing same in derrick.

11. After the above items have been evaluated, a tentative plan to complete the well will be finalized.

GENERAL INFORMATION

I. The following tubular goods have been assigned to the well.

Description	Approximate Gross Measurement (feet)	Availability
	Surface Casing	
10-3/4-inch O.D., 32.75-pound, H-40, 8 round thread, ST&C casing	550	Warehouse stock
	Production Casing	
5-1/2-inch O.D., 17-pound, K-55, 8 round thread, ST&C casing	5,900	Warehouse stock
	Production Tubing	
2-7/8-inch O.D., 6.4-pound, J-55, 8 round thread, EUE tubing	5,600	Warehouse stock

II. The salt content of the mud will be checked prior to cementing the 5-1/2-inch O.D. casing to determine if a salt saturated cement will be required.

III. All ram type preventers will have hand wheels installed and operative at the time the preventers are installed.

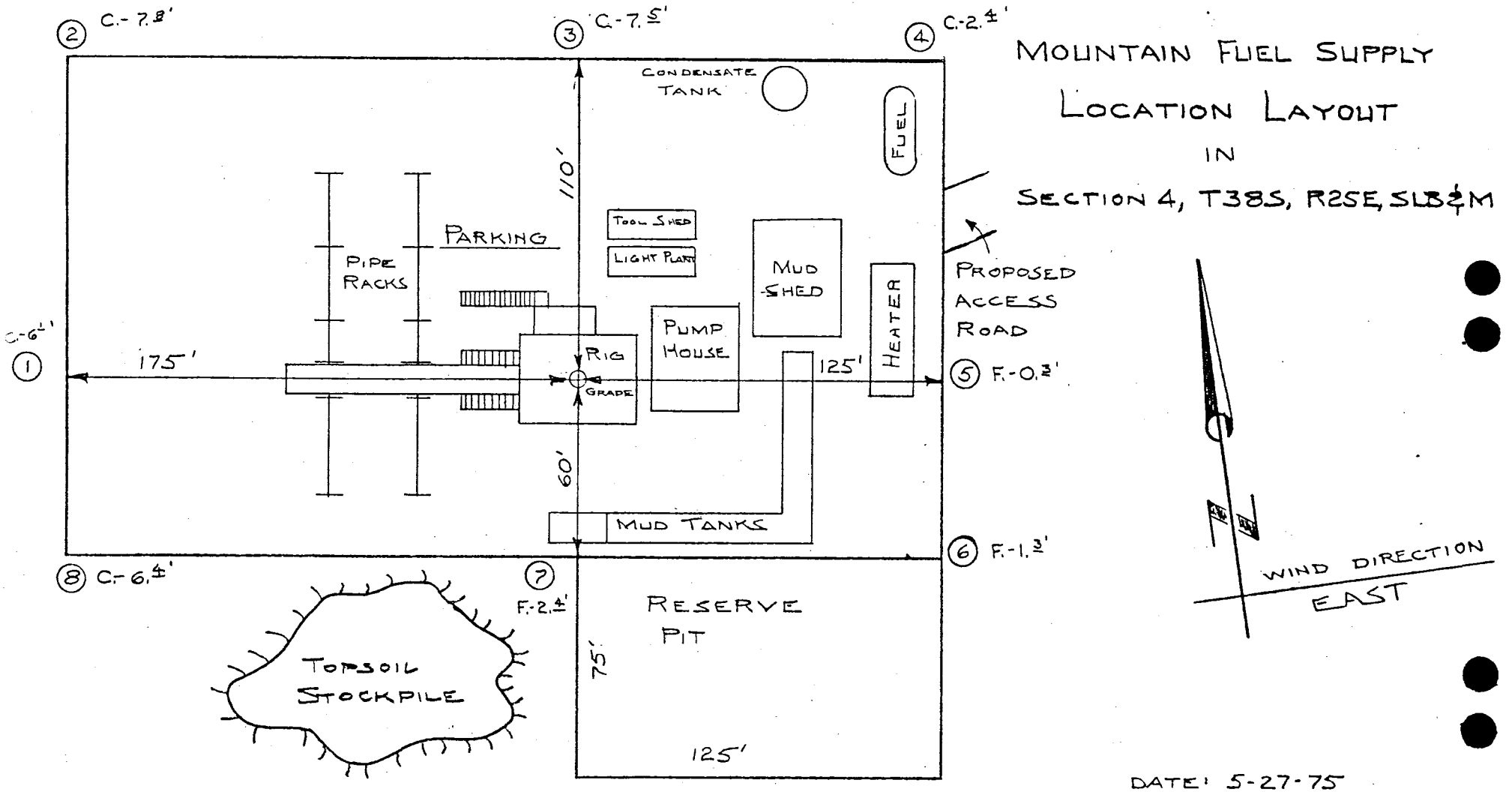
IV. Well responsibility: N. D. Thomaidis

MOUNTAIN FUEL SUPPLY

LOCATION LAYOUT

IN

SECTION 4, T38S, R25E, SLB&M



DATE: 5-27-75

SCALE: 1" = 50'

INTEROFFICE COMMUNICATION

FROM T. M. Colson — Rock Springs, Wyoming (CITY / STATE)

TO R. G. Myers — DATE November 13, 1974

SUBJECT Tentative Plan to Drill
Patterson Canyon Well No. 3
San Juan County, Utah

Attached for your information and files is a tentative plan to drill the above-captioned well. This plan was written in accordance with the Geologic Prognosis dated October 3, 1974.

TMC/gm
Attachment
cc: J. T. Simon
B. W. Croft
L. A. Hale (6)
A. K. Zuehlsdorff
Geology (2)
D. E. Dallas (4)
J. E. Adney
B. M. Steigleder
E. A. Farmer
U.S.G.S.
State
Paul Zubatch
P. E. Files (4)

From: Pat Brotherton

Rock Springs, Wyoming

To: T. M. Colson

October 21, 1974

Tentative Plan to Drill
Patterson Canyon Well No. 3
San Juan County, Utah

This well will be drilled to total depth by the _____ Drilling Company. One work order has been originated for the drilling and completion of the well, namely 22170-2, Drill Patterson Canyon Well No. 3. This well is located in San Juan County, Utah. The well will be drilled to a total depth of 5570 feet to test the Paradox formation.

1. Drill a 13-3/4-inch hole to approximately 525 feet KBM.

2. Run and cement approximately 500 feet 10-3/4-inch O.D., 32.75-pound, H-40, 8 round thread, ST&C casing. The casing will be cemented with 350 sacks of regular Type G cement which represents theoretical requirements plus 100 percent excess cement for 10-3/4-inch O.D. casing in 13-3/4-inch hole with cement returned to the surface. Cement will be treated with 1645 pounds Dowell D43A. Plan on leaving a 20 foot cement plug in the bottom of the casing after displacement is completed. Floating equipment will consist of a Baker guide shoe. The top and bottom of ten casing collars and the guide shoe will be spot welded in the field. The bottom of the surface casing should be landed in such a manner that the top of the 10-inch 3000 psi casing flange will be at ground level. A cellar three feet deep will be required. Prior to cementing, circulate 75 barrels of mud. Capacity of the 10-3/4-inch O.D. casing is 50 barrels.

3. After a WOC time of 6 hours, remove landing joint. Install a NSCo. Type B 10-inch 3000 psi regular duty casing flange tapped for 10-3/4-inch O.D., 8 round thread casing. Install a 2-inch extra heavy nipple, 6-inches long, and a WKM Figure B138 (2000 psi WOG, 4000 psi test) valve on one side of the

casing flange and a 2-inch extra heavy bull plug in the opposite side. Install adequate preventers. After a WOC time of 12 hours, pressure test surface casing and all preventer rams to 1000 psi for 15 minutes using rig pump and mud. The burst pressure rating for the 10-3/4-inch O.D. casing is 1820 psi.

4. Drill a 7-7/8-inch hole to a tentative total depth of 5570 feet or to such other depth as the Geological Department may recommend. A mud desander and desilter will be used from under the surface casing to total depth to remove all undesirable solids from the mud system and to keep the mud weight to a minimum. A fully manned logging unit will be used from 4200 feet to total depth. The logging unit will be responsible for catching 10 foot samples from 4200 feet to total depth. The drilling contractor will be responsible for catching 10 foot samples from bottom of surface casing to 4200 feet. The mud system will consist of properties adequate to allow the running of drill stem tests. Three drill stem tests are anticipated starting at a depth of approximately 4300 feet. Anticipated tops are as follows:

	Approximate Depth (Feet KBM)
Morrison	Surface
Summerville	520
Entrada	595
Carmel	755
Navajo	785
Kayenta	1,145
Wingate	1,275
Chinle	1,505
Shinarump	2,330
Moenkopi	2,470
Cutler	2,500
Honaker Trail	4,355
Paradox	4,875
Upper Ismay	5,250
Lower Ismay	5,545
Total Depth	5,570

5. After reaching a total depth of approximately 5570 feet, run a dual induction laterolog (with 2-inch linear, 5-inch logarithmic) integrated sonic gamma ray-caliper log from bottom of surface casing to total depth, and a sidewall neutron log from 4400 feet to total depth. Note: Check salt content of the mud prior to logging to determine if the logging program should be changed.

6. Assuming commercial quantities of gas and/or oil are present, go into hole with 7-7/8-inch bit and condition hole prior to running 4-1/2-inch O.D. casing. Pull and lay down drill pipe and drill collars.

7. Run 4-1/2-inch O.D. casing as follows:

   (Top of String in Well)

   A. 5530 feet 4-1/2-inch O.D., 11.6-pound, K-55, 8 round thread, ST&C casing.

   B. One Larkin filrite float collar.

   C. One joint 4-1/2-inch O.D., 11.6-pound, K-55, 8 round thread, ST&C casing.

   D. One Larkin filrite float shoe.

   Run the casing to bottom and pick up one foot. The casing will be cemented with 50-50 Pozmix cement. Cement requirements will be the actual volume as calculated from the caliper log plus 20% excess. Circulate 150 barrels mud prior to beginning cementing operations. The capacity of the 4-1/2-inch O.D. casing is 86 barrels. Rotate casing while circulating, mixing, and displacing cement. Displace cement with water.

8. Immediately after cementing operations are completed, land the 4-1/2-inch O.D. casing with full weight on slips and record indicator weight. Cut off the 4-1/2-inch O.D. casing and install a 10-inch 3000 psi by 6-inch 3000 psi NSCo. Type B tubing spool. Pressure test seals to 2000 psi for 5 minutes. The collapse pressure for the 4-1/2-inch O.D., 11.6-pound, K-55 casing is 4540 psi. Install a steel plate over the tubing spool and release drilling rig.

9. Rig up a contract workover rig. Install a 6-inch 5000 psi double gate preventer with blind rams in bottom and 2-3/8-inch rams in top.

10. Pick up a 3-3/4-inch bit and run on 2-3/8-inch O.D., 4.6-pound, J-55 seal lock tubing to plugged back depth. Using Halliburton pump truck and water, pressure test pipe rams and casing to 3000 psi for 15 minutes. The minimum internal yield for 4-1/2-inch O.D., 11.6-pound, K-55 casing is 5350 psi. Land the tubing on a H-1 tubing hanger and pressure test blind rams to 3000 psi for 15 minutes. Pull tubing, standing same in derrick.

11. After the above items have been evaluated, a tentative plan to complete the well will be finalized.

GENERAL INFORMATION

I. The following tubular goods have been assigned to the well.

Description	Approximate Gross Measurement (feet)	Availability
	Surface Casing	
10-3/4-inch O.D., 32.75-pound, H-40, 8 round thread, ST&C casing	550	Warehouse stock
	Production Casing	
4-1/2-inch O.D., 11.6-pound, K-55, 8 round thread, ST&C casing	5,800	Warehouse stock
	Production Tubing	
2-3/8-inch O.D., 4.6-pound, J-55, seal lock tubing	5,800	Warehouse stock

II. The salt content of the mud will be checked prior to cementing the 4-1/2-inch O.D. casing to determine if a salt saturated cement will be required.

III. All ram type preventers will have hand wheels installed and operative at the time the preventers are installed.

IV. Well responsibility: J. A. Colburn

9-13-77 Bhm Rescind

DIVISION OF OIL, GAS, AND MINING

FILE NOTATIONS

Date: June 13

Operator: Mountain Fuel

Well No: Patterson Canyon #3

Location: Sec. 4 T. 38S R. 25E County: San Juan

File Prepared [✓] Entered on N.I.D. [✓]

Card Indexed [✓] Completion Sheet [ ]

Checked By:

Administrative Assistant: [✓]

Remarks:

Petroleum Engineer/Mined Land Coordinator: [✓]

Remarks:

Director: [✓]

Remarks:

Include Within Approval Letter:

Bond Required [ ] Survey Plat Required [ ]

Order No. _____ [ ] Blowout Prevention Equipment [ ]

Rule C-3(c) Topographical exception/company owns or controls acreage within a 660' radius of proposed site [✓]

O.K. Rule C-3 [ ] O.K. In _____ Unit [ ]

Other: [ ]

[✓] Letter Written

June 15 Then Nov. 15

1-23-92 JLP

June 13, 1975

Mountain Fuel Supply Company
Box 1129
Rock Springs, Wyoming 82901

Re: Well No. Patterson Canyon #3
Sec. 4, T. 38 S, R. 25 E,
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3(c)- General Rules and Regulations and Rules of Practice and Procedure. Said approval is, however, conditional upon supplying the following information to this office:

a) Written notification that your company owns or controls all acreage within a 660 foot radius of the proposed well site.

b) A statement indicating the reason for this unorthodox location, as to topographical or geological conditions.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT - Director
HOME: 466-4455
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-037-30246.

Very truly yours,

CLEON B. FEIGHT
DIRECTOR

INTEROFFICE COMMUNICATION

FROM T. M. Colson — Rock Springs, Wyoming (CITY / STATE)

TO R. G. Myers — DATE June 10, 1975

SUBJECT Revised Tentative Plan to Drill
Patterson Canyon Well No. 3
San Juan County, Utah

Attached for your information and files is a revised tentative plan to drill the above-captioned well. This plan was written in accordance with the Geologic Prognosis dated January 28, 1975.

TMC/gm
Attachment
cc: J. T. Simon
B. W. Croft
E. R. Keller (6)
A. K. Zuehlsdorff
Geology (2)
D. E. Dallas (4)
J. E. Adney
B. M. Steigleder
E. A. Farmer
U.S.G.S.
State
Paul Zubatch
P. E. Files (4)

MOUNTAIN FUEL SUPPLY COMPANY

625 CONNECTICUT AVENUE · P. O. BOX 1129 · ROCK SPRINGS, WYOMING 82901 · PHONE 307-362-5611

June 17, 1975

Utah Dept. of Natural Resources
Oil & Gas Conservation Division
1588 West North Temple Street
Salt Lake City, Utah 84116

Attention Mr. Cleon B. Feight

Subject: Patterson Canyon Well No. 3
SW SW 4-38S-25E
San Juan County, Utah

Gentlemen:

Mountain Fuel Supply Company owns or controls all the acreage within a 660-foot radius of the proposed well site.

The reason we are requesting an exception to the spacing rules and regulations and thereby making this an unorthodox location is to satisfy the Bureau of Land Management's requirements in regard to the indian ruins in the area.

Very truly yours,

Paul Zubatch

Paul Zubatch
Adm Ast to Gen'l Mgr

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

September 23, 1976

Mountain Fuel Supply Co.
Box 1129
Rock Springs, Wyoming 82901

Re: Well No. Patterson Canyon #3
Sec. 4, T. 38S, R. 25E
San Juan County, Utah

Gentlemen:

In reference to above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary report forms.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

KATHY OSTEER
RECORDS CLERK

9-29-76 - Talked to Paul Burbach on tele; (MFS - Rock Springs) - said drilling has been postponed 3 times, but will start sending necessary reports as soon as work is started —

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [ ] GAS WELL [X] OTHER

2. NAME OF OPERATOR
Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR
P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
173' FSL, 782' FWL SW SW

5. LEASE DESIGNATION AND SERIAL NO.
U - 11668

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
-

7. UNIT AGREEMENT NAME
-

8. FARM OR LEASE NAME
Patterson Canyon

9. WELL NO.
3

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW SW 4-38S-25E., SLB&M

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 5193'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[X]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Although we plan to drill a well in this area, we would like to abandon the subject well's location at this time.

RECEIVED
DEC 27 1976
GAS & MINING

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: Dec 30, 1976
BY: P L Driscoll

18. I hereby certify that the foregoing is true and correct

SIGNED A. D. Myers TITLE Manager, Drilling and Petroleum Engineering DATE Dec. 22, 1976

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side